

California Assessment Accessibility Resources Matrix



The California Assessment Accessibility Resources Matrix (Accessibility Matrix) displays the embedded and non-embedded universal tools, designated supports, and accommodations (UDAs) allowed as part of the California Assessment of Student Performance and Progress (CAASPP) and English Language Proficiency Assessments for California (ELPAC) Systems for 2021–22.

Accessibility Matrix Parts and Definitions

The Accessibility Matrix contains five parts:

Part 1—Universal Tools

[Universal tools](#) are available to all students on the basis of student preference and selection.

Part 2—Designated Supports

[Designated supports](#) are available to all students when determined for use by an educator or team of educators (with parent/guardian and student input, as appropriate) or specified in the student’s individualized education program (IEP) or Section 504 plan.

Part 3—Accommodations

[Accommodations](#) must be permitted on CAASPP and ELPAC tests to all eligible students if specified in the student’s IEP or Section 504 plan.

Part 4—Instructional Supports and Resources for the Alternate Assessments

The [California Alternate Assessments](#) (CAAs) and the Alternate ELPAC are administered to students one-on-one by a test examiner. The operational field test Alternate ELPAC will begin in November 2021.

Part 5—Unlisted Resources

[Unlisted resources](#) are not universal tools, designated supports, or accommodations. Unlisted resources shall be made available if specified in the eligible student’s IEP or Section 504 plan and only on approval by the California Department of Education (CDE). **Note** that Part 5—Unlisted Resources includes a list of pre-identified unlisted resources that have been determined to change the construct being measured.

Appropriate Use

The appropriate use of the universal tools, designated supports, and accommodations (UDAs) on CAASPP computer-based tests and ELPAC computer-based and paper-based tests are restricted to only those identified in this document. For UDAs for CAASPP special-form tests, please visit the CAASPP website at <https://www.caaspp.org>. Keep the following in mind:

- Some embedded UDAs are available only for specific items (i.e., test questions) or specific domains for which they are allowed.
- If a non-embedded resource is shown to be available for “allowed items,” it may be used only for the specific items for which the embedded version of the resource is available.

The accessibility resources in the Accessibility Matrix identified as UDAs are available for the listed, approved assessments and do not change the construct of what is being assessed.

Students who receive these accessibility resources will receive a valid score.

What’s New for 2021–22

- The column title of “CAST” has been changed to “Science” and “CSA” has been changed to “Spanish.”
- Text-to-speech as a designated support and an accommodation now includes functionality that allows the student’s constructed response to be read back to them.
- The designated support of Translations (Spanish stacked) has been modified to Translations (Spanish stacked–dual language).
- The accommodation of Speech-to-text is now available as an embedded resource. External assistive technology devices are not required.

Additional Resources

To determine the use of resources for individual students, this document should be used in conjunction with the following:

- CAASPP Accessibility Resources web page <https://www.caaspp.org/ta-resources/accessibility/index.html>
- Accessibility Resources Demonstration Videos <https://www.caaspp.org/training/caaspp/uaag.html>, which show each embedded resources in use.
- Smarter Balanced Consortium: Usability, Accessibility, and Accommodations Guidelines <https://portal.smarterbalanced.org/library/en/usability-accessibility-and-accommodations-guidelines.pdf>
- California Science Test Accessibility Supports for Operational Testing <https://www.cde.ca.gov/ta/tg/ca/documents/castaccesssupt.pdf>
- California Spanish Assessment Accessibility Supports for Operational Testing <https://www.caaspp.org/rsc/pdfs/CSA.accessibility-considerations.2018.pdf>
- English Language Proficiency Assessments for California Accessibility Resources for Operational Testing <https://www.cde.ca.gov/ta/tg/ep/documents/accessibilityresources.docx>
- California Code of Regulations (<https://bit.ly/2eHz72b>), Title 5 (5 CCR), sections 850 through 864 of the CAASPP regulations and sections 11517.6 through 11519.5 of the ELPAC regulations
- English Language Proficiency Assessment for California Manuals and Instructions <https://www.elpac.org/test-administration/alternate/>
- California Assessment of Student Performance and Progress Manuals and Instructions <https://www.caaspp.org/administration/instructions/index.html>

Table Set-Up

The tables in this document show the following:

- Resource name and description
- Delivery
 - Embedded (E)
 - Non-embedded (N)
 - Both (B)

For the following California tests:

- English language arts/literacy (ELA)
 - Smarter Balanced Summative and Interim Assessments for ELA
 - California Alternate Assessment for ELA
- Mathematics (Math)
 - Smarter Balanced Summative and Interim Assessments for Mathematics
 - California Alternate Assessment for Mathematics
- Science
 - California Science Test (CAST)
 - California Alternate Assessment for Science (CAA for Science)
- Spanish
 - California Spanish Assessment (CSA)
- Computer-based ELPAC (ELPAC-CBA)
- Paper-pencil ELPAC (ELPAC-P)

Part 1—Universal Tools

Universal Tool / Description	Delivery	ELA	Math	Science	Spanish	ELPAC-CBA	ELPAC-P
<p>Breaks</p> <p>For CAASPP, the number of items per session can be flexibly defined based on the student’s need. Students may take a break when needed. Students may require extra time to complete the assessment if using this resource.</p> <p>For the ELPAC, breaks, including those during testing over more than one day, between the domains are permitted. Breaks may be permitted for students who need additional time to finish testing in a domain to allow for rescheduling. However, breaks in the middle of a domain as identified in the students individualized education program (IEP) are allowed as an accommodation. Refer to the Breaks accommodation.</p>	B	Yes	Yes	Yes	Yes	Yes	Yes

Universal Tool / Description	Delivery	ELA	Math	Science	Spanish	ELPAC-CBA	ELPAC-P
<p>Calculator</p> <p>An embedded on-screen digital calculator can be accessed for calculator-allowed items when students select the calculator button.</p> <p>For mathematics, this tool is available only on the specific items for which the <i>Smarter Balanced Item Specifications</i> indicated as appropriate in grades 6–8 and grade 11.</p> <p>For science, this tool is available as a four-function calculator for grade 5 and a scientific calculator for grade 8 and high school.</p> <p>Because the CAAs are administered in a one-on-one setting, this resource is not applicable to the CAAs.</p>	E	No	Yes	Yes	No	No	No
<p>Digital notepad</p> <p>This tool is used for making notes about an item. It is item-specific and available through the end of the test segment.</p>	E	Yes	Yes	Yes	Yes	Yes	No
<p>English dictionary</p> <p>An English dictionary is available for the full-write portion of an ELA performance task, but not for short paragraph responses. A full-write is the second part of a performance task.</p>	B	Yes	No	No	No	No	No
<p>English glossary</p> <p>Grade- and context-appropriate definitions of specific construct-irrelevant terms are shown, in English, in a pop-up window on the screen.</p>	E	Yes	Yes	Yes	No	No	No

Universal Tool / Description	Delivery	ELA	Math	Science	Spanish	ELPAC-CBA	ELPAC-P
<p>English thesaurus</p> <p>A thesaurus is available for the full-write portion of an ELA performance task, and not available for short-paragraph responses. A thesaurus contains synonyms of terms in the text with which a student interacts on the assessment. A full write is the second part of a performance task.</p>	B	Yes	No	No	No	No	No
<p>Expandable items</p> <p>Each item can be expanded so it takes up a larger portion of the screen.</p>	E	Yes	Yes	Yes	Yes	Yes	No
<p>Expandable passages</p> <p>Each passage or stimulus can be expanded so it takes up a larger portion of the screen.</p>	E	Yes	Yes	Yes	Yes	Yes	No
<p>Global notes</p> <p>Global notes is a notepad that is available for ELA performance tasks in which students complete a full write; it is not for short-paragraph responses. A full write is the second part of a performance task. The student selects the notepad icon for the notepad to appear.</p>	E	Yes	No	No	No	No	No
<p>Highlighter (embedded)</p> <p>The highlighter is a digital tool for marking desired text, item questions, and item answers or parts of them with a color.</p>	E	Yes	Yes	Yes	Yes	Yes	No
<p>Highlighter (non-embedded)</p> <p>A highlighter may be used in the test book in grades two through twelve.</p>	N	No	No	No	No	No	Yes

Universal Tool / Description	Delivery	ELA	Math	Science	Spanish	ELPAC-CBA	ELPAC-P
<p>Keyboard navigation</p> <p>Navigation through text can be accomplished by using a keyboard (using the function keys instead of a mouse).</p>	E	Yes	Yes	Yes	Yes	Yes	No
<p>Line reader (embedded)</p> <p>The student uses an on-screen tool to assist in reading by raising and lowering the tool for each line of text on the screen.</p>	E	Yes	Yes	Yes	Yes	Yes	No
<p>Line reader (non-embedded)</p> <p>The student may use a paper line reader.</p>	N	No	No	No	No	No	Yes
<p>Mark for review (embedded)</p> <p>This tool allows the student to flag items for future review during the assessment.</p>	E	Yes	Yes	Yes	Yes	Yes	No
<p>Mark for review (non-embedded)</p> <p>Students may mark in their test books, including noting items for review, using highlighters in grades 2–12. In grades 3–12, students may use other writing utensils in addition to a highlighter.</p>	N	No	No	No	No	No	Yes
<p>Math tools</p> <p>These digital tools (i.e., embedded ruler, embedded protractor) are used for measurements related to specific items.</p>	E	No	Yes	Yes	No	No	No
<p>Oral clarification of test directions by the test examiner in English</p> <p>The test examiner provides clarification of test directions to students in English.</p>	N	No	No	No	No	Yes	Yes

Universal Tool / Description	Delivery	ELA	Math	Science	Spanish	ELPAC-CBA	ELPAC-P
<p>Science charts</p> <p>These digital tools (i.e., periodic table of elements and reference sheets) are available for students in grade 8 and high school.</p>	E	No	No	Yes	No	No	No
<p>Science tools</p> <p>These digital tools (i.e., analog clock, laboratory equipment) are available for all grade levels.</p>	E	No	No	Yes	No	No	No
<p>Scratch paper</p> <p>Students may use blank scratch paper to make notes, write computations, record responses, or create graphic organizers.</p> <p>Only plain paper or lined paper is appropriate for ELA and ELPAC.</p> <p>Graph paper is required beginning in grade 6 and can be used on all math assessments. A whiteboard with marker may be used as scratch paper.</p> <p>As long as the construct being measured is not impacted, assistive technology devices, including low-tech assistive technology (Math Window), are permitted to make notes, including the use of digital graph paper. The use of assistive devices without the internet is allowed.</p>	N	Yes	Yes	Yes	Yes	Yes	Yes

Universal Tool / Description	Delivery	ELA	Math	Science	Spanish	ELPAC-CBA	ELPAC-P
<p>Spell check</p> <p>The writing tool for checking the spelling of words in student-generated responses, spell check gives only an indication that a word is misspelled. It does not provide the correct spelling. This tool is available only on the specific items for which the <i>Smarter Balanced Item Specifications</i> indicated as appropriate.</p>	E	Yes	No	No	No	No	No
<p>Strikethrough (embedded)</p> <p>This tool allows users to cross out answer options. If an answer option is an image, a strikethrough line will not appear, but the image will be grayed out.</p>	E	Yes	Yes	Yes	Yes	Yes	No
<p>Strikethrough (non-embedded)</p> <p>Students may use pencils in their test books to strike through images or options.</p>	N	No	No	No	No	No	Yes

Universal Tool / Description	Delivery	ELA	Math	Science	Spanish	ELPAC-CBA	ELPAC-P
<p>Test navigation assistant</p> <p>New arrivals and students who are unfamiliar with the test delivery device or are technology novices and do not have the necessary computer skills to participate in the computer-based ELPAC may have a trained test examiner assist with the mouse point-and-click and scroll bar, onscreen tool or button navigation (i.e., back, next, submit, start and stop recording, play speaking, and recording), and keyboarding necessary for starting the test session. The test navigation assistant is allowed to assist <i>only</i> with the technology as indicated by the student. The test navigation assistant can be used during one-on-one or group administrations. The use of keyboarding assistance in the test is not permitted. The test navigation assistant must follow approved guidelines.</p>	N	No	No	No	No	Yes	No
<p>Translations (glossary)</p> <p>Translated glossaries are a language support. The translated glossaries are provided for selected construct-irrelevant terms. Embedded translations for these terms appear on the computer screen when students select them. Students with the language glossary setting enabled can view the translated glossary. Students also can select the audio icon next to the glossary term and listen to the audio recording of the glossary.</p> <p>For the CSA, this resource is a universal tool. For math and science, refer to the translations (glossary) designated support.</p>	E	No	No	No	Yes	No	No

Universal Tool / Description	Delivery	ELA	Math	Science	Spanish	ELPAC-CBA	ELPAC-P
<p>Writing tools</p> <p>Selected writing tools (i.e., bold, italic, bullets, undo, and redo) are available for all student-generated responses. For ELA and math, this resource is available for specific items only. For ELPAC this resource is available for grades 3–12.</p>	E	Yes	Yes	Yes	No	Yes	No
<p>Zoom (in/out)</p> <p>The default font size for all tests is 14 point. The student can make text and graphics larger by selecting the [Zoom In] button. The student can select the [Zoom Out] button to return to the default or select a smaller font size.</p>	E	Yes	Yes	Yes	Yes	Yes	No

Part 2—Designated Supports

Designated Support / Description	Delivery	ELA	Math	Science	Spanish	ELPAC-CBA	ELPAC-P
<p>100s number table</p> <p>This is paper-based table for reference, listing numbers 1–100, available from Smarter Balanced https://www.caaspp.org/rsc/pdfs/CAASPP.hundreds-number-table.pdf.</p>	N	No	No	Yes	No	No	No
<p>Amplification</p> <p>The student adjusts the volume control beyond the computer’s built-in settings using headphones or other non-embedded devices.</p>	N	Yes	Yes	Yes	Yes	Yes	Yes
<p>Bilingual dictionary</p> <p>A bilingual/dual language word-to-word dictionary is a language support. It can be provided for the full-write portion of an ELA/literacy performance task, but not for short-paragraph responses. A full write is the second part of a performance task.</p>	N	Yes	No	No	No	No	No
<p>Calculator</p> <p>This science resource is a non-embedded calculator for students needing a special calculator, such as a braille calculator or a talking calculator, currently unavailable within the assessment platform.</p> <p>For science, the basic calculator is to be used for grade 5, and a scientific calculator is to be used for grade 8 and high school.</p>	N	No	No	Yes	No	No	No

Designated Support / Description	Delivery	ELA	Math	Science	Spanish	ELPAC-CBA	ELPAC-P
<p>Color contrast</p> <p>Students may adjust screen background or font color on their electronic device based on their needs or preferences. This may include reversing the colors for the entire interface or choosing the color of font and background.</p>	B	Yes	Yes	Yes	Yes	Yes	No
<p>Color overlay</p> <p>Students with attention difficulties may need this resource to view test content. This resource may also be needed by some students with visual impairments or other print disabilities (including learning disabilities). Choice of color should be informed by evidence of those colors that meet the student's needs.</p>	N	Yes	Yes	Yes	Yes	Yes	Yes
<p>Designated interface assistant</p> <p>This designated support is available to students who are technology novices and have limited keyboarding skills that prevent them from responding. The designated interface assistant is available to help the students interact with, or type, their handwritten responses on the test platform. The designated interface assistant should be used only during one-on-one administration.</p> <p>This role meets the needs of ELPAC technology novices and young test takers.</p>	N	No	No	No	No	Yes	No

Designated Support / Description	Delivery	ELA	Math	Science	Spanish	ELPAC-CBA	ELPAC-P
<p>Illustration glossaries</p> <p>Illustration glossaries are a language support provided for selected construct-irrelevant terms for math. Illustrations for these terms appear on the computer screen when students select them. For the non-embedded version, illustrations for these terms appear in a supplement to the paper–pencil test and are identified by item number.</p>	B	No	Yes	No	No	No	No
<p>Magnification</p> <p>The size of specific areas of the screen (e.g., text, formulas, tables, graphics, navigation buttons, and mouse pointer) may be adjusted by the student with an assistive technology device or software. Magnification allows for increasing the size and changing the color contrast, including the size and color of the mouse pointer, to a level not provided for by the zoom universal tool, color contrast designated support, and/or mouse pointer designated support.</p>	N	Yes	Yes	Yes	Yes	Yes	Yes
<p>Masking (embedded)</p> <p>Masking is a digital resource that involves blocking off content that is not of immediate need or that may be distracting to the student. The student is able to focus attention on a specific part of a test item by using the masking digital resource.</p>	E	Yes	Yes	Yes	Yes	Yes	No
<p>Masking (non-embedded)</p> <p>Masking is a non-embedded resource that involves blocking off content on the paper test that is not of immediate need or that may be distracting to the student. The student is able to focus attention on a specific part of a test item by using the masking non-embedded resource.</p>	N	No	No	No	No	No	Yes

Designated Support / Description	Delivery	ELA	Math	Science	Spanish	ELPAC-CBA	ELPAC-P
<p>Medical supports</p> <p>Students may have access to medical supports for medical purposes (e.g., glucose monitor). The medical support may include a cell phone; however, it is no longer limited to devices and should support the student during testing only for medical reasons. Either the device settings must restrict access to other applications or the test administrator or test examiner must closely monitor the use of the device to maintain test security.</p>	N	Yes	Yes	Yes	Yes	Yes	Yes
<p>Mouse pointer (size and color)</p> <p>This embedded support allows the mouse pointer to be set to a larger size and for the color to be changed. A test administrator or test examiner sets the size and color of the mouse pointer prior to testing.</p>	E	Yes	Yes	Yes	Yes	Yes	Yes
<p>Multiplication table</p> <p>A paper-based multiplication table (1–12) for reference will be available from Smarter Balanced at https://www.caaspp.org/rsc/pdfs/CAASPP.multiplication-table.pdf.</p>	N	No	No	Yes	No	No	No
<p>Noise buffers</p> <p>Noise buffers are ear muffers, white noise, and/or other equipment used to block external sounds.</p>	N	Yes	Yes	Yes	Yes	Yes	Yes

Designated Support / Description	Delivery	ELA	Math	Science	Spanish	ELPAC-CBA	ELPAC-P
<p>Pause or replay audio—Listening domain</p> <p>Students who may need the audio to slow down or stop momentarily may have the stimuli of the audio presentation in the Listening domain paused or replayed during the administration of the test questions.</p> <p>For CAASPP, when audio is present in an item, the ability to pause or replay audio is automatically provided.</p>	B	No	No	No	No	Yes	Yes
<p>Pause or replay audio—Speaking domain</p> <p>Students who may need the audio to slow down or stop momentarily may have the audio presentation in the Speaking domain paused or replayed during the administration of the test questions in the Summarize an Academic Presentation task.</p>	B	No	No	No	No	Yes	Yes
<p>Print on demand</p> <p>Paper copies of passages/stimuli and/or items are printed for students. To establish this setting, contact the California Technical Assistance Center (CaTAC) at caltac@ets.org.</p> <p>For ELPAC, this resource is a designated support. For CAASPP, refer to the Print on demand accommodation.</p>	N	No	No	No	No	Yes	No

Designated Support / Description	Delivery	ELA	Math	Science	Spanish	ELPAC-CBA	ELPAC-P
<p>Read aloud</p> <p>Text is read aloud to the student by a trained and qualified person who follows the administration guidelines for the ELPAC or the read aloud protocol for the CAASPP (https://portal.smarterbalanced.org/library/en/read-aloud-guidelines.pdf). All or portions of the content may be read aloud.</p> <p>For math and science Spanish stacked–dual language translation, refer to Read Aloud Spanish Guidelines at https://portal.smarterbalanced.org/library/en/read-aloud-guidelines-in-spanish.pdf.</p> <p>This resource is a designated support for all ELA and CSA items, and not for reading passages. Refer to the read aloud accommodation for ELA and CSA reading passages.</p>	N	Yes (items)	Yes	Yes	Yes (items)	Yes (writing)	Yes (writing)
<p>Science charts</p> <p>Students receive state-approved paper versions of the science charts (i.e., periodic table of the elements and reference sheets), available for students in grade 8 and high school.</p>	N	No	No	Yes	No	No	No
<p>Scribe</p> <p>Students dictate their responses to a person who records verbatim what they dictate. The scribe must be trained and qualified and must follow the scribing protocol at https://portal.smarterbalanced.org/library/en/scribing-protocol.pdf.</p> <p>This resource is a designated support for all items except the ELA performance task full write and the ELPAC. Refer to the scribe accommodation for ELA writing and the ELPAC.</p>	N	Yes	Yes	Yes	Yes	No	No

Designated Support / Description	Delivery	ELA	Math	Science	Spanish	ELPAC-CBA	ELPAC-P
<p>Separate setting</p> <p>Test location is altered so the student is tested in a setting different from that made available for most students. Separate setting may also include most beneficial time, special lighting or acoustics, and adaptive furniture.</p>	N	Yes	Yes	Yes	Yes	Yes	Yes
<p>Simplified test directions</p> <p>The test administrator simplifies or paraphrases the test directions found in the <i>Test Administration Manual</i>. Refer to the <i>Guidelines for Simplified Test Directions</i> at https://portal.smarterbalanced.org/library/en/guidelines-for-simplified-test-directions.pdf.</p>	N	Yes	Yes	Yes	Yes	Yes	Yes
<p>Streamline</p> <p>This designated support provides a streamlined interface of the test in an alternate, simplified format in which the items are displayed below the stimuli.</p>	E	Yes	Yes	Yes	Yes	Yes	No
<p>Text-to-speech</p> <p>Text, including student responses, is read aloud to the student via embedded text-to-speech technology. The student is able to control the speed as well as the volume of the voice.</p> <p>For ELA and the CSA, this resource is a designated support for stimuli and items, but not for reading passages.</p> <p>For ELA and CSA reading passages and the ELPAC listening, speaking and writing domains, refer to the text-to-speech accommodation.</p>	E	Yes (items)	Yes	Yes	Yes (items)	No	No

Designated Support / Description	Delivery	ELA	Math	Science	Spanish	ELPAC-CBA	ELPAC-P
<p>Translated test directions (embedded)</p> <p>Translation of test directions is a language support available prior to beginning the actual test items. Students are presented with test directions in a language other than English.</p> <p>As an embedded designated support, translated test directions are automatically a part of the Spanish stacked–dual language translations designated support.</p> <p>Because the CAAs are administered in a one-on-one setting, this resource is not applicable to the CAAs.</p>	E	No	Yes	No	No	No	No
<p>Translated test directions (non-embedded)</p> <p>Translation of test directions is a language support available prior to beginning the actual test items. Students are presented with test directions in a language other than English.</p> <p>As a non-embedded designated support, PDFs of directions translated in each of the languages currently supported are available. A bilingual adult can read to the student. (Refer to the <i>CAASPP Accessibility Guide</i> on the Student Accessibility Resources and Test Settings web page at https://www.caaspp.org/ta-resources/accessibility/index.html).</p> <p>For ELPAC, students who are deaf or hard of hearing and who typically use ASL or Manually Coded English can have the test directions signed to them.</p>	N	Yes	Yes	Yes	No	Yes	Yes

Designated Support / Description	Delivery	ELA	Math	Science	Spanish	ELPAC-CBA	ELPAC-P
<p>Translations (glossary)</p> <p>Translated glossaries are a language support. The translated glossaries are provided for selected construct-irrelevant terms.</p> <p>Embedded translations for these terms appear on the computer screen when students select them. Students with the language glossary setting enabled can view the translated glossary. Students also can select the audio icon next to the glossary term and listen to the audio recording of the glossary.</p> <p>Non-embedded translation glossaries are available for math only through Consortium-provided PDFs, in which the glossary terms are listed by item and include the English term and its translated equivalent.</p> <p>Because the CAAs are administered in a one-on-one setting, this resource is not applicable to the CAAs.</p> <p>For math and science, this resource is a designated support. For CSA, refer to the translations (glossary) universal tool</p>	B	No	Yes	Yes (E only)	No	No	No
<p>Translations (Spanish stacked–dual language)</p> <p>Stacked translations are a language support. Stacked translations provide the full translation of each test item above the original item in English.</p> <p>For the CAST, some item responses are provided in either English only or Spanish only.</p> <p>Because the CAAs are administered in a one-on-one setting, this resource is not applicable to the CAAs.</p>	E	No	Yes	Yes	No	No	No

Designated Support / Description	Delivery	ELA	Math	Science	Spanish	ELPAC-CBA	ELPAC-P
<p>Turn off any universal tool(s) This designated support is the disabling of any universal tools that might be distracting or that students do not need to use or are unable to use.</p>	E	Yes	Yes	Yes	Yes	Yes	No

Part 3—Accommodations

Accommodation / Description	Delivery	ELA	Math	Science	Spanish	ELPAC -CBA	ELPAC-P
<p>100s number table</p> <p>A paper-based number table (1–100) for reference in all grades is available from Smarter Balanced (https://www.caaspp.org/rsc/pdfs/CAASPP.hundreds-number-table.pdf).</p>	N	No	Yes	No	No	No	No
<p>Abacus</p> <p>This accommodation may be used in place of scratch paper for students who typically use an abacus.</p>	N	No	Yes	Yes	No	No	No
<p>Alternate response options</p> <p>Alternate response options include, but are not limited to, adapted keyboards, large keyboards, Sticky Keys, Mouse Keys, FilterKeys, adapted mouse, touch screen, head wand, and switches.</p> <p>For the ELPAC-P, student responses must be transcribed in the Answer Book by the test examiner or scribe.</p>	N	Yes	Yes	Yes	Yes	Yes	Yes
<p>American Sign Language (ASL)</p> <p>For the embedded resource, test content is translated into ASL video. A person who is an ASL signer and the signed test content are viewed on the same screen. The student may view portions of the ASL video as often as needed.</p> <p>Because the CAAs are administered in a one-on-one setting, this resource is not applicable to the CAAs.</p> <p>This resource is not available on the Alternate ELPAC as an embedded resource.</p>	E	Yes	Yes	Yes	No	Yes	No

Accommodation / Description	Delivery	ELA	Math	Science	Spanish	ELPAC -CBA	ELPAC- P
<p>American Sign Language (ASL) or Manually Coded English</p> <p>For the non-embedded ELPAC resource, ASL or Manually Coded English may be used for the presentation of and students' responses to the test questions.</p>	N	No	No	No	No	No	Yes
<p>Audio transcript (includes braille transcript)</p> <p>Some students who are deaf or hard of hearing (DHH) may have difficulty hearing the listening portion of the passage and may not have enough functional vision to read the closed captioning provided for the passage. These students, who are visually impaired or blind and DHH and who use braille, may have access to braille transcripts.</p> <p>For ELA, this resource is for listening portions of the test.</p> <p>The CAST does not include any listening portion or audio.</p> <p>For CSA, this resource is in Spanish for listening passages.</p> <p>Because the CAAs are administered in a one-on-one setting, this resource is not applicable to the CAAs.</p>	E	Yes	No	Yes	Yes	Yes	No
<p>Audio transcript (includes braille transcript)</p> <p>For the non-embedded ELPAC resource, this includes the use of written scripts by a test examiner for students for whom streamed audio is not available. The use of this accommodation may result in the need for additional overall time for the student to complete the assessment.</p>	N	No	No	No	No	No	Yes

Accommodation / Description	Delivery	ELA	Math	Science	Spanish	ELPAC -CBA	ELPAC- P
<p>Braille</p> <p>This resource is a raised-dot code that individuals read with the fingertips. Graphic material (e.g., maps, charts, graphs, diagrams, and illustrations) is presented in a raised format (paper or thermoform), called tactile graphics. Contracted and non-contracted braille is available; Nemeth and UEB Technical code(s) are available for math. The embedded resource is both embossed and refreshable.</p> <p>To request the CAST tactile package, or the braille hybrid adaptive test for math, email CalTAC at caltac@ets.org.</p> <p>Paper-pencil tests are available if students cannot access the needed assistive technology for refreshable braille presentation and embossers for the administration of the computer-based CAASPP or ELPAC tests.</p> <p>Because the CAAs are administered in a one-on-one setting, this resource is not applicable to the CAAs. In addition, this resource is not available on the Alternate ELPAC as an embedded resource.</p>	B	Yes	Yes	Yes	Yes	Yes	Yes (N- only)
<p>Breaks</p> <p>Extended breaks in the middle of a domain-level test administration are allowed as an accommodation for students with disabilities who have a documented need.</p>	N	No	No	No	No	Yes	Yes

Accommodation / Description	Delivery	ELA	Math	Science	Spanish	ELPAC -CBA	ELPAC- P
<p>Calculator</p> <p>For math, this resource is a non-embedded calculator for students needing a special calculator, such as a braille calculator or a talking calculator, currently unavailable within the assessment platform.</p> <p>This math accommodation is available for allowed items in grades 6–8 and grade 11.</p>	N	No	Yes	No	No	No	No
<p>Closed captioning</p> <p>Printed text that appears on the computer screen as audio materials is presented.</p> <p>The CAST does not include any listening portion or audio.</p> <p>For ELA and CSA, this resource is available only for the listening portion.</p> <p>Because the CAAs are administered in a one-on-one setting, this resource is not applicable to the CAAs. In addition, this resource is not available with the Alternate ELPAC as an embedded resource.</p>	E	Yes	No	Yes	Yes	Yes	No
<p>Large-print special form</p> <p>Large-print special forms are available for ELA, math, CAST, and ELPAC. LEAs must request approval from the California Department of Education (CDE) to qualify for these printed materials.</p>	N	Yes	Yes	Yes	No	No	Yes
<p>Multiplication table</p> <p>For math, a paper-based multiplication table (1–12) for all grades is available from Smarter Balanced for reference (https://www.caaspp.org/rsc/pdfs/CAASPP.multiplication-table.pdf).</p>	N	No	Yes	No	No	No	No

Accommodation / Description	Delivery	ELA	Math	Science	Spanish	ELPAC -CBA	ELPAC- P
<p>Print on demand</p> <p>Paper copies of passages/stimuli and/or items are printed for students. To establish this setting, email CalTAC at caltac@ets.org.</p> <p>For CAASPP, this resource is an accommodation. For ELPAC, refer to the print on demand designated support.</p>	N	Yes	Yes	Yes	Yes	No	No
<p>Read aloud</p> <p>Text is read aloud to the student by a trained and qualified person who follows the administration guidelines and read aloud protocol (refer to https://portal.smarterbalanced.org/library/en/read-aloud-guide-lines.pdf). All or portions of the content may be read aloud.</p> <p>This resource is an accommodation for ELA and CSA reading passages.</p>	N	Yes	No	No	Yes	No	No
<p>Scribe</p> <p>Students dictate their responses to a person who records verbatim what they dictate. The scribe must be trained and qualified and must follow the scribing protocol at https://portal.smarterbalanced.org/library/en/scribing-protocol.pdf.</p> <p>This resource is an accommodation for the ELA performance task full write and the CSA writing items.</p> <p>For ELPAC, a trained scribe may transcribe the students' responses in the Answer Book or testing interface. The scribe must follow the scribing protocol.</p>	N	Yes	No	No	Yes	Yes	Yes

Accommodation / Description	Delivery	ELA	Math	Science	Spanish	ELPAC -CBA	ELPAC- P
<p>Speech-to-text</p> <p>Voice recognition allows students to use their voices as input devices to the computer to dictate responses for constructed response items.</p> <p><i>Non-Embedded</i> - Students use their own assistive technology devices and voice recognition software.</p> <p><i>Embedded</i> - The student uses functionality embedded in the test delivery system. External assistive technology devices are not required.</p>	B	Yes	Yes	Yes	No	Yes	No
<p>Text-to-speech</p> <p>Text, including student responses, is read aloud to the student via embedded text-to-speech technology. The student is able to control the speed as well as the volume of the voice.</p> <p>For ELA and the CSA, this resource is an accommodation for reading passages.</p> <p>For ELPAC, this resource is an accommodation for the Listening, Speaking, and Writing domains.</p> <p>Because the CAAs are administered in a one-on-one setting, this resource is not applicable to the CAAs. In addition, this resource is not available with the Alternate ELPAC as an embedded resource.</p>	E	Yes	No	No	Yes	Yes	No

Accommodation / Description	Delivery	ELA	Math	Science	Spanish	ELPAC -CBA	ELPAC- P
<p>Word prediction</p> <p>Word prediction allows students to begin writing a word and choose from a list of words that have been predicted from word frequency and syntax rules. Word prediction is delivered via a non-embedded software program. The program must use only single word prediction. Functionality such as phrase prediction, predict ahead, or next word must be deactivated. The program must have settings that allow only a basic dictionary. Expanded dictionaries, such as topic dictionaries and word banks, must be deactivated. Phonetic spelling functionality may be used, as well as speech output built into the program that reads back the information the student has written.</p>	N	Yes	Yes	Yes	No	No	No
<p>Word processor</p> <p>For the ELPAC-P, students may use word processing software for their responses in the Writing domain; in grades 3–12, the spelling and grammar check must be turned off. Student responses must be transcribed into the answer book.</p>	N	No	No	No	No	No	Yes

Part 4— Instructional Supports and Resources for Alternate Assessments

The California Alternate Assessments (CAAs) are administered to students one-on-one by a test examiner. The operational field test Alternate ELPAC will begin in November 2021. It, too, will be administered to students one-on-one by a test examiner.

Although most universal tools, designated supports, and accommodations listed thus far in this matrix are available for the CAAs and will be available for the Alternate ELPAC through the online testing interface (with the exceptions noted below), students taking the CAAs and Alternate ELPAC may also need additional instructional supports, including:

- the administration of the alternate assessments in the language of instruction
- physical supports
- resources documented in the student’s IEP or Section 504 plan

For the CAA for Science, because of its design, any instructional supports specified in the student’s IEP and used in daily instruction may be used for the embedded performance tasks.

The following embedded resources are not available for alternate assessments:

- American Sign Language videos
- Audio transcript
- Braille
- Calculator
- Closed captioning
- Text-to-speech
- Translated test directions
- Translation glossaries
- Translations (Spanish stacked–dual language)

For Braille, however, the test examiner can request print-on-demand functionality to produce braille documents. For a handful of ELA items in grades three and four that have decoding as part of the construct, support and guidance will be available to LEAs for brailleing the appropriate text.

The “language of instruction” may include instructional or physical supports needed for communication and instruction. Some test practices (e.g., hand-over-hand), as noted in the Test Administration Manual, found on the Manuals and Instructions web page at <https://www.caaspp.org/administration/instructions/index.html>, are inappropriate and not allowed on the CAAs and the Alternate ELPAC. Examples of permissible non-embedded instructional and physical supports are provided below.

Examples of Permissible Instructional Supports

- Allowing the test examiner to sign to the student as the language of instruction.
- Allowing the student to use an augmentative communication device (e.g., Audiovox, switch)
- Allowing nonverbal students to respond with gestures, movements, or vocalization in place of speech
- Accepting eye gaze as a way of indicating a response
(<https://www.caaspp.org/rsc/pdfs/CAASPP.eye-gazing-guidance.2020-21.pdf>)
- Accepting a change in muscle tone or a change in facial expression as an observed behavior
- Allowing students to direct another person (an aide or a test examiner) in performing physical tasks
- Allowing the use of the student’s calculator (except in grade three), 100s number table, or other instructional supports instead of the embedded supports provided through the testing platform as long as those supports do not impact the test construct

Examples of Permissible Physical Supports

- Structuring the test environment to eliminate distractions for students who are particularly distractible
- Positioning and stabilizing the student to allow for the most controlled movement possible as well as for student comfort and access to the test platform

Part 5—Unlisted Resources

The LEA may submit a request in TOMS (<https://mytoms.ets.org/TOMS>) for the use of unlisted resources required by a student's IEP or Section 504 plan. The request must be made a minimum of ten business days before the student's first day of testing. The CDE will reply to the request within four business days.

The CDE has pre-identified non-embedded unlisted resources for ELA, mathematics, science, primary language assessments, and the ELPAC that change the construct being measured. There are no pre-identified non-embedded resources for the alternate assessments. Approval of an unlisted resource that has not been pre-identified will be granted by the CDE on the basis of the IEP team's and/or Section 504 plan's designation and if the unlisted resource does not compromise the test's security. The CDE shall make a determination of whether the requested unlisted resource changes the construct being measured. IEP teams should not allow the impact of an LEA's accountability to outweigh the needs of the student, per regulations (*5 California Code of Regulations* sections 854.9 and 11518.37).

For unlisted resources that do **not** change the measured construct:

- Students who receive these accessibility resources will receive a valid score.

For unlisted resources that change the construct of what was being tested:

- CAASPP – These are not considered valid for aggregation of scores. The student will receive a score with a footnote that the test was administered under conditions that resulted in a score that may not be an accurate representation of the student's achievement.
- ELPAC - The student will receive the lowest obtainable scale score (LOSS) for the affected domain when approved unlisted resources changed the construct of what was being tested. However, the student's test results will still be used for aggregation of scores.

Despite the accessibility resources used in administration, an individual student score report will still be generated in both the CAASPP and ELPAC.

The following table lists pre-identified non-embedded unlisted resources that change the construct being measured.

Non-Embedded Resource	ELA	Math	Science	Spanish	ELPAC
Bilingual dictionary	Yes (reading)	Yes	Yes	No	Yes
Calculator (used on non-allowed items)	No	Yes (grades 6–8 and grade 11)	No	No	No
Calculator	No	Yes (grades 3–5)	No	No	No
English dictionary	Yes (reading and listening)	Yes	Yes	Yes	Yes
Math tools (i.e., non-embedded ruler, non-embedded protractor)	No	Yes	No	No	No
Signed Exact English	Yes	Yes	Yes	No	Yes
Thesaurus	Yes (reading and listening)	Yes	Yes	No	Yes
Translated word lists	Yes	Yes	Yes	No	Yes
Translations (not provided by Smarter Balanced)	Yes	Yes	Yes	No	Yes